



PTO/SB/08A (10-01)

Approved for use through 10/31/2002, OMB 0651-0031

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Substitute for form 1449A/PTO				<i>Complete if Known</i>	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	10/809,654
				Filing Date	03/25/2004
				First Named Inventor	Zhonglin Hao
				Art Unit	1653
				Examiner Name	
Sheet	1	of	1	Attorney Docket Number	
00497-08					

Examiner Signature		Date Considered	2-17-06
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¹ Applicant's unique citation designation number (optional). ²See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of 2

Complete if Known

Application Number	10/809,654
Filing Date	03/25/2004
First Named Inventor	Zhonglin Hao
Group Art Unit	1653
Examiner Name	
Attorney Docket Number	00497-08

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. 1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue numbers, publisher, city and/or country where published.	T ²
<i>L</i>	A	Naz, Rajesh K: "Application of Sperm Antigens in Immunocontraception", Frontiers in Bioscience 1, e87-95, Sep. 1 (1996).	
	B	O'HERN, PATRICIA A. et al: "Reversible Contraception in Female Baboons Immunized with a Synthetic Epitope of Sperm-Specific Lactate Dehydrogenase", Biology of Reproduction, Vol. 52, pp 331-339, (1995).	
	C	DATABASE EMBL 'Online!', Accession Number AF203447, 12 Nov. 2000, HAO, Z. et al., "Homo Sapiens sperm acrosome membrane protein SAMP32, mRNA, complete cds".	
	D	DATABASE EMBL 'Online!', Accession Number AW173256, 17 Nov. 1999, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
	E	DATABASE EMBL 'Online!', Accession Number AA824354, 20 Feb 1998, NATIONAL CANCER INSTITUTE, CANCER GENOME ANATOMY PROJECT (CGAP): "Homo Sapiens cDNA clone".	
	F	DATABASE EMBL 'Online', Accession No. AA431165, 25 May 1997, HILLIER, L. ET AL.; "zw71g10.r1 Soares_testis_NHT Homo sapiens cDNA clone".	
	G	DATABASE GENESEQ [Online], Accession No. AAV63171, 12 Jan. 1999, AGOSTINO MJ, et al.: "cDNA from clone cf50_1 which encodes a secreted protein".	
	H	DATABASE GENESEQ [ONLINE], Accession No. AAA37094, 8 August 2000, BAKER, K et al.; "Human PRO1418 (UNQ732) cDNA Sequence SEQ ID NO:264".	
	I	DATABASE GENESEQ [ONLINE], Accession No. AAW80397, 12 January 1999, AGOSTINO MJ et al: "A Secreted Protein Encoded by Clone cf50_1".	
	J	DATABASE GENESEQ [ONLINE], Accession No. AAY99412, 8 August 2000, BAKER, K et al, "Human PRO1418 (UNQ732) Amino Acid Sequence SEQ ID NO:265".	
<i>L</i>	K	CHEN, MICHELLE S., et al.: "Role of the integrin-associated protein CD9 in binding between sperm ADAM 2 and the egg integrin a6b1: Implications for Murine Fertilization", PNAS, Vol 96, No. 21, pp 11830-11835, Oct 12 (1999).	

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Date Considered

2-17-04

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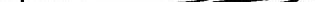
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		First Named Inventor	Zhonglin Hao
		Group Art Unit	1653
		Examiner Name	
(use as many sheets as necessary)			
Sheet	2	of	2
		Attorney Docket Number	
		00497-08	

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Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
<i>D</i>	L	LE NOIR, FRANCOIS, et al.: "Severely Reduced Female Fertility in CD9-Deficient Mice", SCIENCE, Vol. 287, Jan. 14 (2000).	
<i>D</i>	M	DIEKMAN, ALAN B. et al.: "N-linked glycan of a sperm CD52 glycoform associated with human infertility", FASEB, Vol. 13, pp 1303-1308, Aug. (1999).	
<i>D</i>	N	MIYADO, Kenji, et al.: "Requirement of CD9 on the Egg Plasma Membrane for Fertilization", SCIENCE, Vol 287, Jan 14, (2000).	

Examiner Signature		Date Considered	2-17-06
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ELECTRONIC INFORMATION DISCLOSURE STATEMENT

Electronic Version v18
Stylesheet Version v18.0

Title of Invention	Sperm Specific Proteins						
Application Number:	10/809654						
Confirmation Number:	8532						
First Named Applicant:	John Herr						
Attorney Docket Number:	00497-08						
Art Unit:	1653						
Examiner:	Not Yet Assigned						
Search string:	(5602005 or 5830472).pn.						
US Patent Documents							
Note: Applicant is not required to submit a paper copy of cited US Patent Documents							
init	Cite.No.	Patent No.	Date	Patentee	Kind	Class	Subclass
	1	5602005	1997-02-11	Herr, et al.			
	2	5830472	1998-11-03	Herr, et al.			
Signature							
Examiner Name				Date			
				2-17-06			



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